

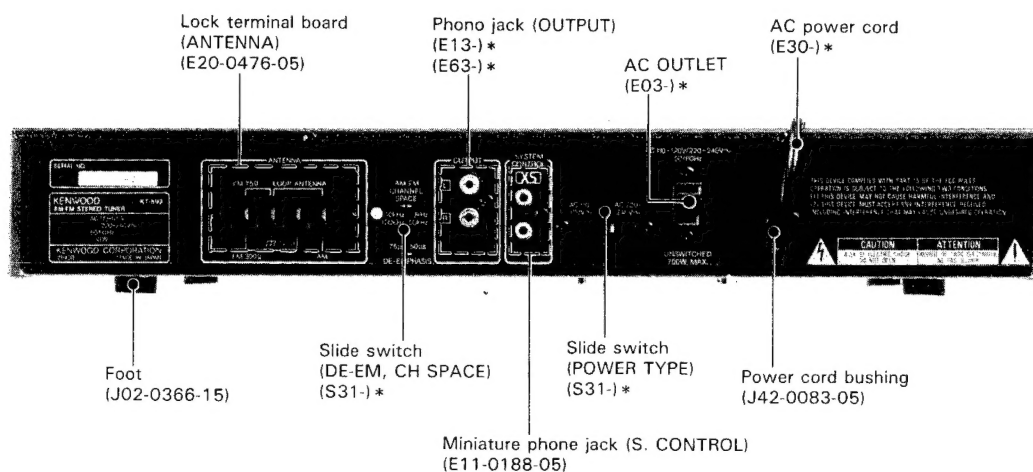
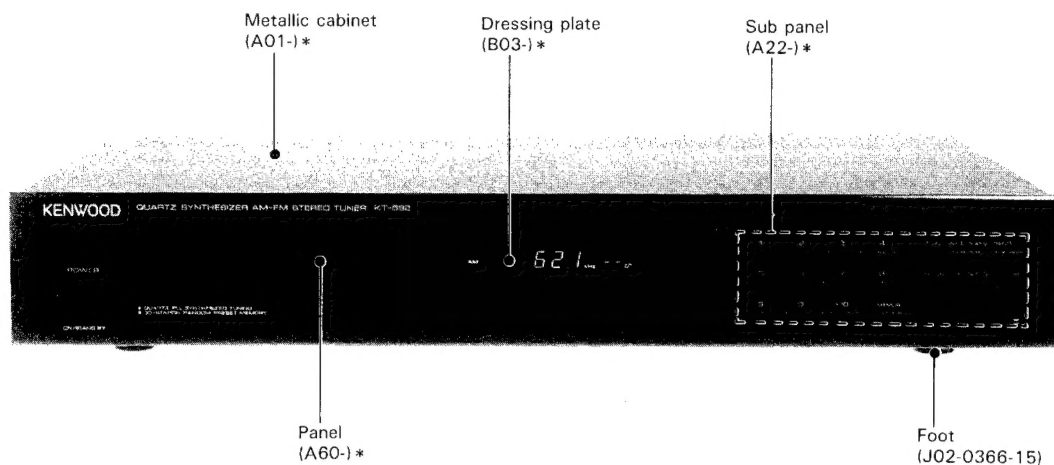
QUARTZ SYNTHESIZER AM-FM STEREO TUNER

KT-592/592S

SERVICE MANUAL

KENWOOD

©1991-12 PRINTED IN JAPAN
B51-4469-00(MC) 2365



[KT-592 : K, P, Y, X type
KT-592S : M type]

Note

Refer to KT-591/591S/1030L service manual (B51-4284-00),
if need description in detail.

* Refer to Parts List on page 25.
Photo is KT-592.

KT-592/592S

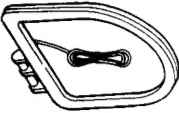
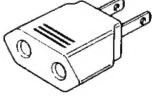



CONTENTS/ACCESSORIES

ACCESSORIES	2	SCHEMATIC DIAGRAM (KT-592)	11
BLOCK DIAGRAM	3	SCHEMATIC DIAGRAM (KT-592S)	17
CIRCUIT DESCRIPTION	3	WIRING DIAGRAM	23
ADJUSTMENT	6	EXPLODED VIEW	24
PC BOARD (KT-592: COMPONENT SIDE VIEW)	7	PARTS LIST	25
PC BOARD (KT-592S: COMPONENT SIDE VIEW)	9	SPECIFICATIONS	Back cover

	JAPAN MADE	SINGAPORE, MALAYSIA MADE
KT-592	X05-4040-10 (K,P) X05-4042-91 (Y) X05-4040-71 (X)	X05-4050-10 (K)
KT-592S	X05-4060-20 (M)	—

The KT-592 is made in different countries. However, their circuits are identical.

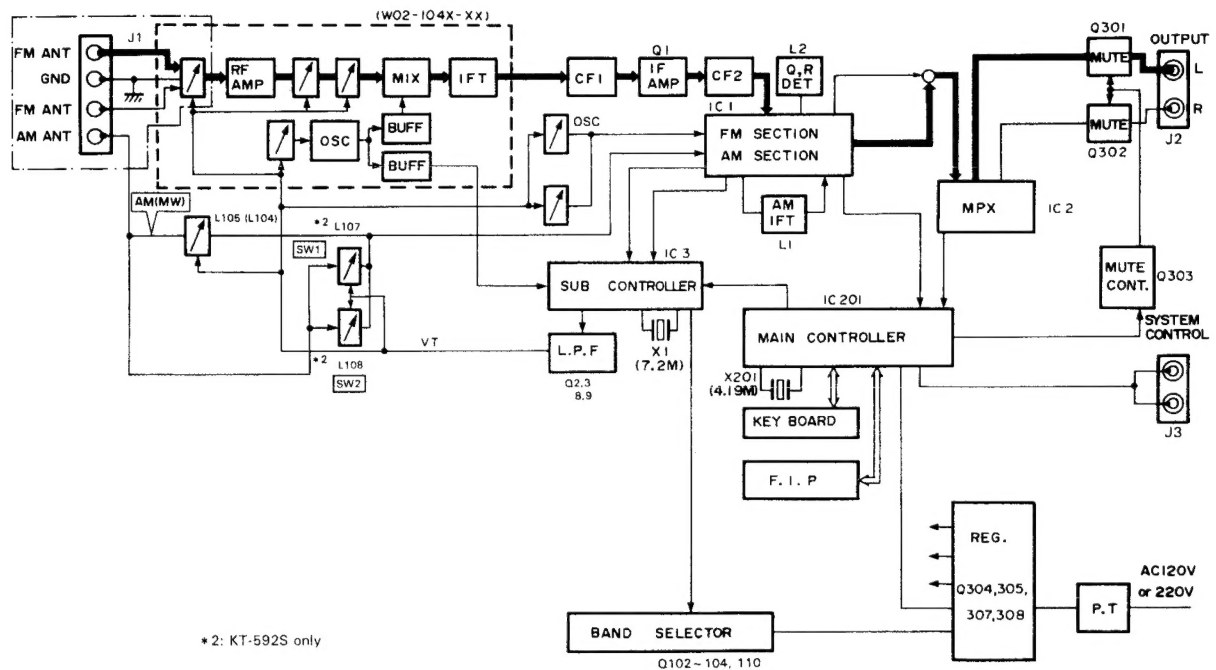
ACCESSORIES

LOOP ANTENNA (T90-0173-05): JAPAN MADE (T90-0174-05): SINGAPORE MADE	AC plug adaptor (Except for some areas) (E03-0115-05)
	
LEAD WIRE ANTENNA (T90-0182-15)	ANTENNA HOLDER (J19-2815-04)
	
	AUDIO CORD (E30-0615-05)
	

KT-592/592S

BLOCK DIAGRAM/CIRCUIT DESCRIPTION

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

1. Conditions by destination

Destination Type		Destination switches				Band	Receiving frequency range	Inter-channel space (Hz)	IF	RF (Hz)	PLL (IC)	
		3	2	1	0							
KT-592	Y	0	0	1	0	FM	87.5 ~ 108.0 MHz	100 k	+ 10.7 MHz	50 k	LM7001	AM Narrow
						AM	530 ~ 1610 kHz	10 k	+ 450 kHz	10 k		
	K,P	0	0	0	0	FM	87.5 ~ 108.0 MHz	100 k	+ 10.7 MHz	50 k	LM7001	AM Wide
						AM	530 ~ 1700 kHz	10 k	+ 450 kHz	10 k		
	X,Y	0	1	1	0	FM	87.5 ~ 108.0 MHz	50 k	+ 10.7 MHz	50 k	LM7001	
						AM	531 ~ 1603 kHz	9 k	+ 450 kHz	9 k		
	—	0	1	1	1	FM	87.5 ~ 108.0 MHz	50 k	+ 10.7 MHz	50 k	LM7001	With LW
						MW	531 ~ 1603 kHz	9 k	+ 450 kHz	9 k		
LW						153 ~ 281 kHz	1 k	+ 450 kHz	1 k			
KT-592S	M	1	0	1	0	FM	87.5 ~ 108.0 MHz	100 k	+ 10.7 MHz	50 k	LC7218	With SW
						MW	530 ~ 1610 kHz	10 k	+ 450 kHz	10 k		
						SW1	3.2 ~ 7.3 MHz	5 k	+ 450 kHz	5 k		
						SW2	9.5 ~ 21.85 MHz	5 k	+ 450 kHz	5 k		
		1	1	1	0	FM	87.5 ~ 108.0 MHz	50 k	+ 10.7 MHz	50 k	LC7218	With SW
						MW	531 ~ 1603 kHz	9 k	+ 450 kHz	9 k		
						SW1	3.2 ~ 7.3 MHz	5 k	+ 450 kHz	5 k		
						SW2	9.5 ~ 21.85 MHz	5 k	+ 450 kHz	5 k		

(Table 1)

(*) BAND Selection (1: With diode/0: Without diode)
 BAND 3 (D212) With SW/Without SW
 BAND 2 (D213 or D222) STEP 9 k, 50 k/10 k, 100 k
 BAND 1 (D214) AM Narrow/Wide
 BAND 0 (—) With LW/Without LW

KT-592/592S

CIRCUIT DESCRIPTION

2. Initial status setting (reset)

(1) Method of setting

While pressing the MEMORY key, turn AC ON.

(2) Contents

- ① POWER: OFF
- ② MUTE: ON
- ③ Forced MONO: OFF
- ④ FL display: All off
- ⑤ State: RAM state = All clear
Tuning mode = AUTO
Memory = Test frequency (Table 2)
Last band = FM
Last frequency = Lowermost limit of
each band.
Last P. CH = [-- ch]

3. Test frequency

P.ch	KT-592		KT-592S
	FM 50 k/AM 9 k	FM 100 k/AM 10 k	With SW
01ch	FM 98.0 MHz	FM 98.0 MHz	FM 98.0 MHz
02ch	FM 108.0 MHz	FM 108.0 MHz	FM 108.0 MHz
03ch	AM 630 kHz	AM 620 kHz	AM 620 kHz
04ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06ch	AM 1602 kHz	AM 1610 kHz	AM 1610 kHz
07ch	FM 87.5 MHz	AM 1700 kHz (FM 87.5 MHz)	FM 87.5 MHz
08ch	FM 87.5 MHz	FM 87.5 MHz	SW1 5.0 MHz
09ch	FM 87.5 MHz	FM 87.5 MHz	SW2 15.0 MHz
10ch	FM 89.1 MHz	FM 89.1 MHz	FM 89.1 MHz
11ch	FM 87.5 MHz	FM 87.5 MHz	SW1 3.2 MHz
12ch	FM 87.5 MHz	FM 87.5 MHz	SW1 3.5 MHz
13ch	FM 87.5 MHz	FM 87.5 MHz	SW1 5.0 MHz
14ch	FM 87.5 MHz	FM 87.5 MHz	SW1 6.8 MHz
15ch	FM 87.5 MHz	FM 87.5 MHz	SW1 7.3 MHz
16ch	FM 87.5 MHz	FM 87.5 MHz	SW2 9.5 MHz
17ch	FM 87.5 MHz	FM 87.5 MHz	SW2 10.0 MHz
18ch	FM 87.5 MHz	FM 87.5 MHz	SW2 15.0 MHz
19ch	FM 87.5 MHz	FM 87.5 MHz	SW2 18.5 MHz
20ch	FM 87.5 MHz	FM 87.5 MHz	SW2 21.85 MHz

(Table 2)

4. Test mode

(1) Method of setting

While holding the DOWN key depressed, plug the AC power cord to the power outlet.

(2) Display of test mode

When the test mode is set, all FL tubes are lit up. The FL tubes are kept lit until there is a key entry which results in a change of the FL frequency display.

(3) Operations in test mode

The operations are basically the same as in normal operation modes. Only difference lies in the processing accompanying the + 10 key and 0 key (numeric keys).

Namely, the preset channel definition method using the + 10 key and numeric keys is different in the test mode. The preset channels are divided into three groups as shown below.

- {01 ch - 10 ch/0 - ch/-- ch} : Group 1
- {11 ch - 20 ch/1 - ch} : Group 2
- {21 ch - 30 ch/2 - ch} : Group 3

When the current channel is in group 1, the 1 to 9 keys represent "01 ch" to "09 ch", and the 0 key represent "10 ch". Change from group 1 to another group does not occur until the + 10 key is pressed.

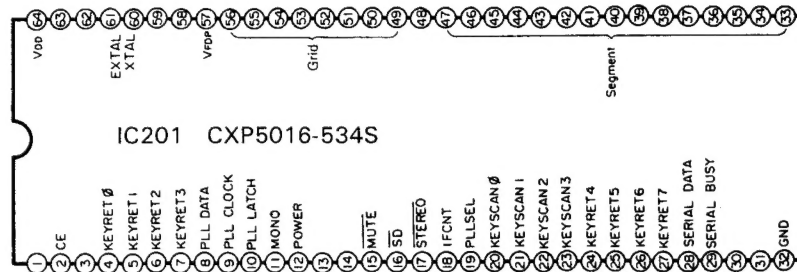
Pressing the + 10 key allows to change the group. When it is pressed while the current group is group 1, the display changes to "1- ch" and the current group is changed to group 2. Pressing the key while the current group is group 2 changes it to group 3 ("2- ch" display), and pressing the key while the current group is group 3 changes it to group 1 ("0- ch" display).

(4) Method of canceling

Unplug the AC power cord.

CIRCUIT DESCRIPTION

5. IC 201: CXP5016-534S
MICROPROCESSOR



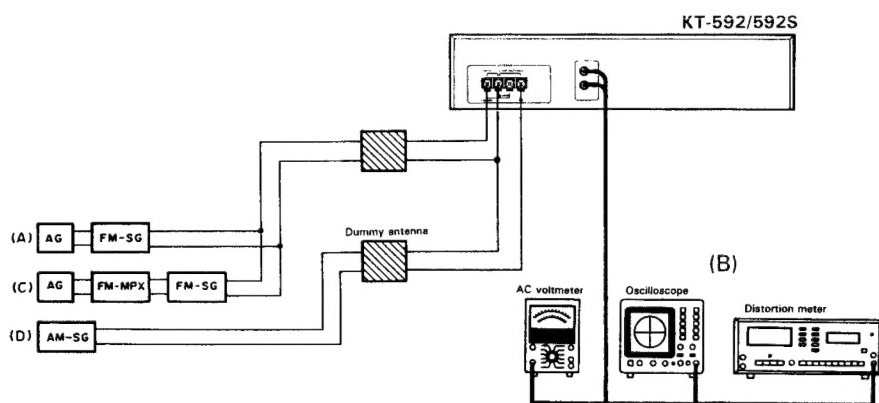
Pin functions

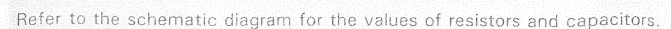
Pin No.	Pin name	I/O	Name	Operation description
1	PWM/PY1	O		No used
2	WP/PY2	I	CE	Chip enable pin. Active low
3	RMC/EC/PY3	O		No use
4~7		I	KR0~KR3	Key return input. KR0~KR3
8	PD0	O	PLLD	PLL DATA output
9	PD1	O	PLLCK	PLL CLOCK output
10	PD2	O	PLLCE	PLL CE output
11	PD3	O	PMONO	Forced MONO output H: ON L: OFF
12	PC0	O	PPOWER	Power ON/OFF control H: ON L: OFF
13,14		O		No used
15	PC3	O	PMUTE	Line mute Active low
16	PEC	I	PSD	SD pin Active low
17	PF1	I	PSTEREO	Stereo signal input H: MONO L: STEREO
18	PF2	I	PIFCNT	IF COUNT pin. On when IF count is finised
19	PF3	I	PLLSEL	PLL select pin H: LC7218 L: LM7001
20~23	PE0~PE3	O	KSO~KS3	Key scan output KS0~KS3
24~27	PB0~PB3	I	KR4~KR7	Key return input KR4~KR7
28	PA0	I/O	SDATA	System control DATA
29	PA1	I/O	SBUSY	System control BUSY
30	PA2	I		No used
31	PA3	I		No used
32	Vss	—	GND	GND pin
33~48		O	Sa~Sn	FDP segment Sa~Sn
49~56		O	G1~G8	FDP grid G1~G8
57	V _{FDP}	—	V _{FDP}	— 30 V
58,59		I		No used
60	XTAL	O		Quartz oscillator output.
61	EXTAL	I		Quartz oscillator input.
62	RST	I	RESET	Forced reset pin. Active low
63	PY0	O		No used.
64	VDD	—	VDD	Power supply.

KT-592/592S

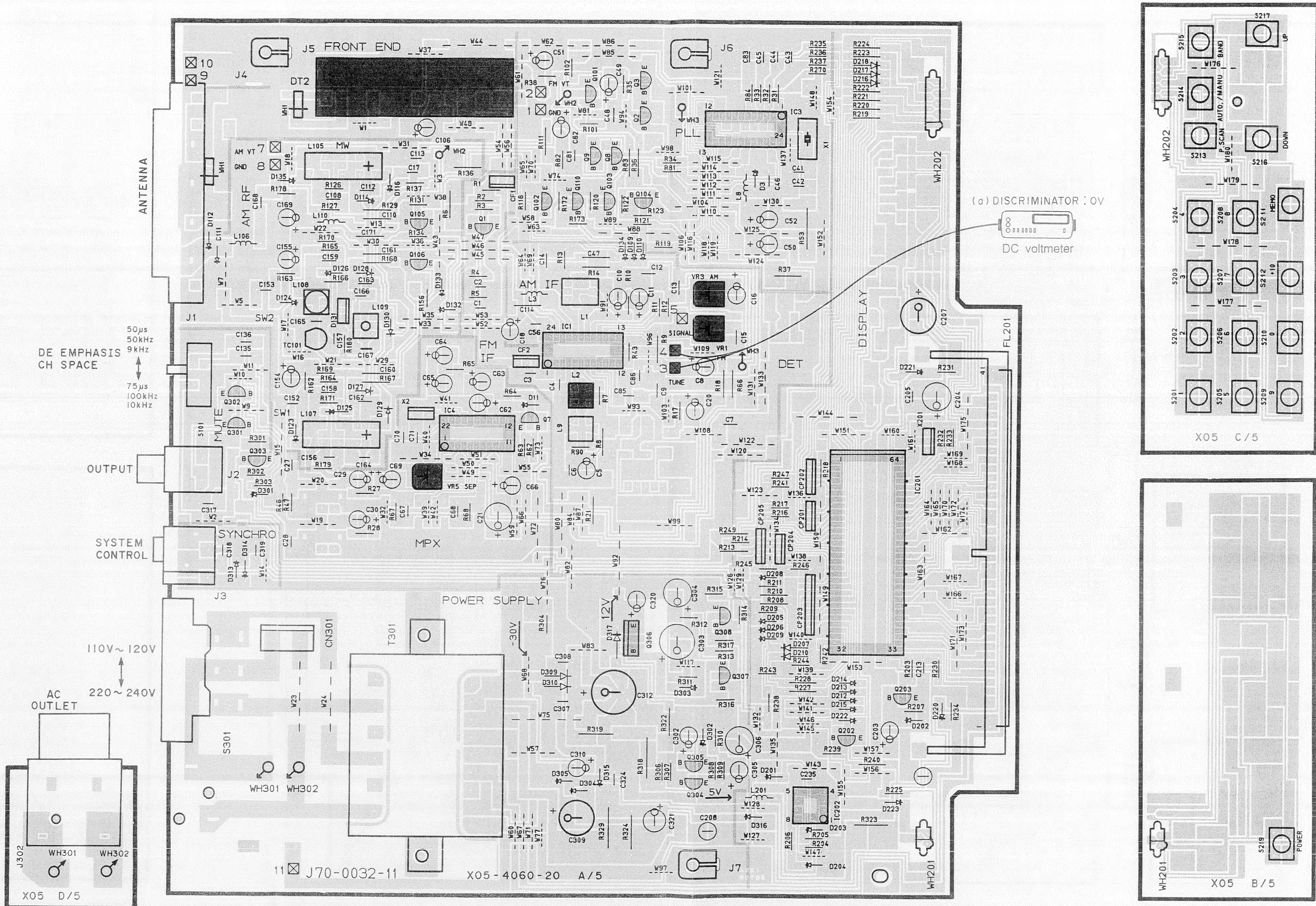
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION		SELECTOR: FM					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ± 75 kHz dev 60dB μ (ANT input)	Connect a DC voltmeter between TP3 and TP4. (X05-)	AUTO or MONO 98.0MHz	L2 (X05-)	0V	(a)
2	VCO <KT-592 only>	(A) 98.0MHz 0 dev 60dB μ (ANT input)	Connect a frequency counter to TP5 and TP6 (GND). (X05-)	AUTO 98.0MHz	VR2 (X05-)	19.00kHz	(b)
3	DISTORTION	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Pilot: ± 7.5 kHz dev 60dB μ (ANT input)	(B)	AUTO 98.0MHz	IFT (W02-)	Minimum distortion	
4	SEPARATION <KT-592S only>	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Pilot: ± 7.5 kHz dev Selector: L or R 60dB μ (ANT input)	(B)	AUTO 98.0MHz	VR5 (X05-)	Minimum crosstalk	
5	TUNING LEVEL	(A) 98.0MHz 1kHz, ± 75 kHz dev 18dB μ (ANT input) 3000	(B)	AUTO or MONO 98.0MHz	VR1 (X05-)	Adjust VR1 and stop at the point where FL201 (TUNED) goes on.	
AM (MW) SELECTION		SELECTOR: AM(MW)					
(1)	TUNING LEVEL	(D) 1008kHz 400Hz, 30% mod 26dB μ (ANT input)	(B)	1008kHz	VR3 (X05-)	Adjust VR3 and stop at the point where FL201 (TUNED) goes on.	





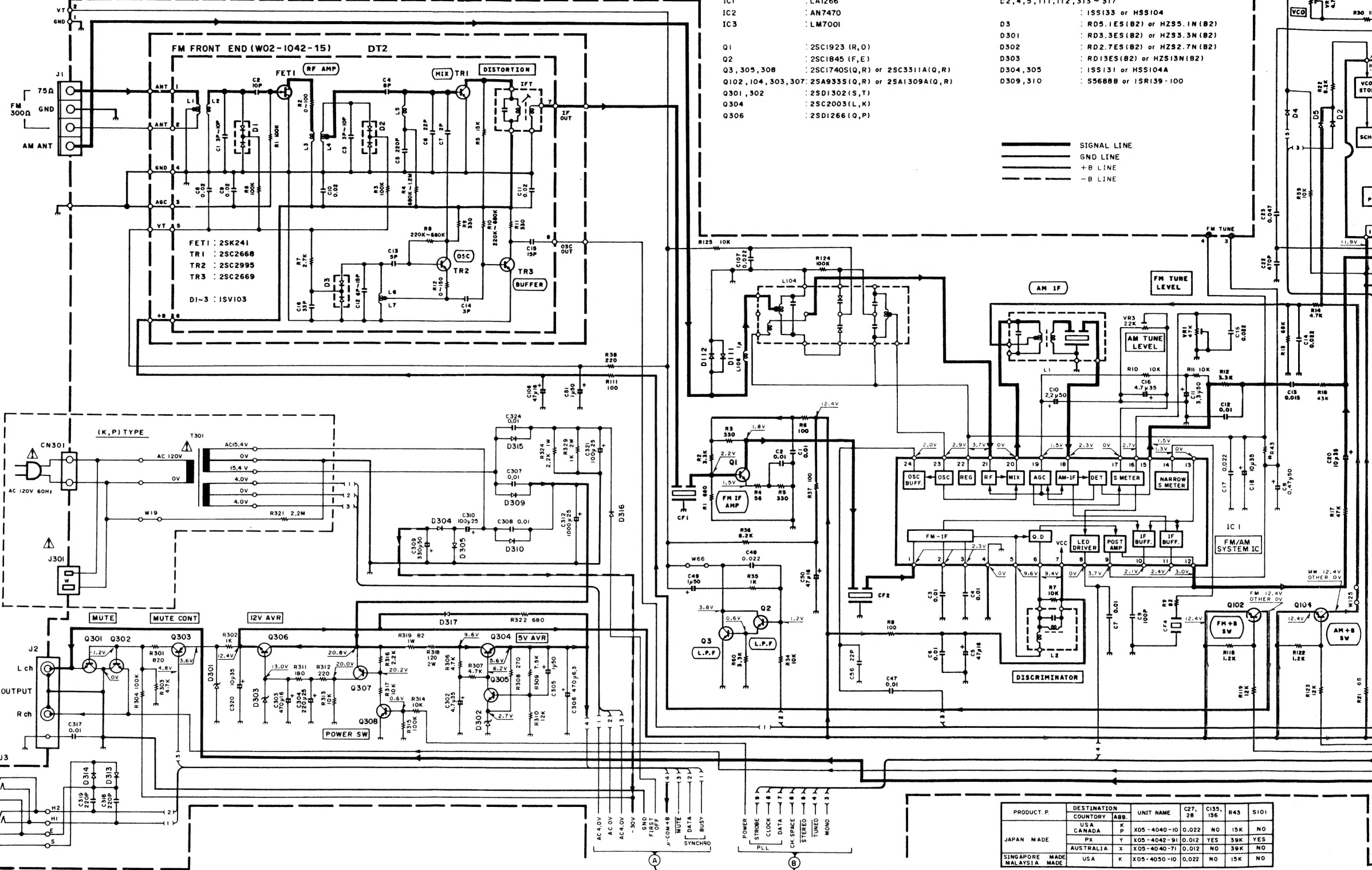
PC BOARD (KT-592S: Component side view)



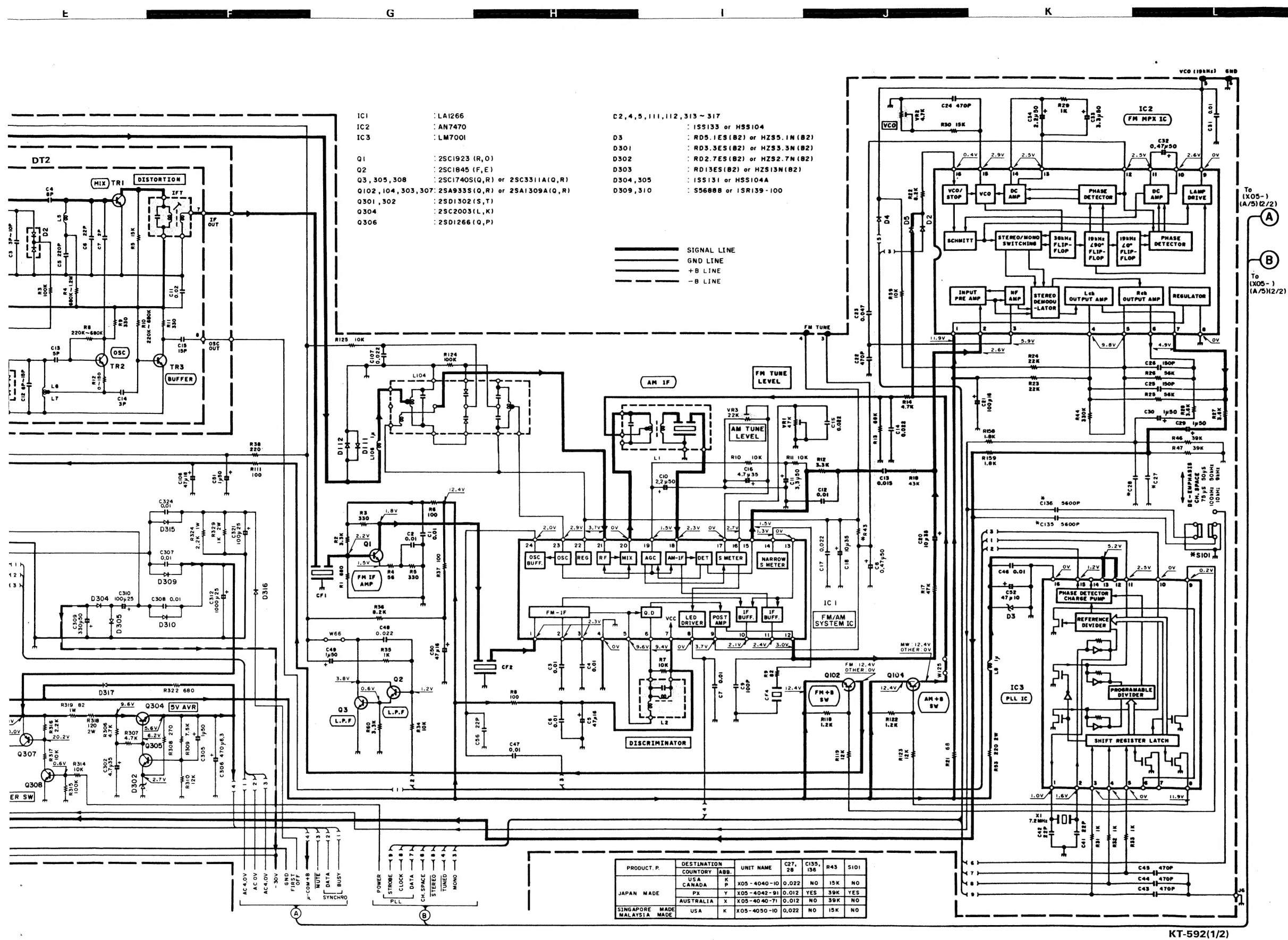
Refer to the schematic diagram for the values of resistors and capacitors.

1
2
3
4
5
6
7

TUNER UNIT
(X05-404X-XX) (A/5) JAPAN MADE
(X05-405X-XX) (A/5) SINGAPORE MADE



PRODUCT P.	DESTINATION COUNTRY	UNIT NAME	C27, 28	C135, 136	R43	S101
JAPAN MADE	USA	X05-4040-10	0.022	NO	15K	NO
CANADA	PX	X05-4042-91	0.012	YES	39K	YES
AUSTRALIA	X	X05-4040-71	0.012	NO	39K	NO
SINGAPORE MADE	USA	X05-4050-10	0.022	NO	15K	NO
MALAYSIA MADE						

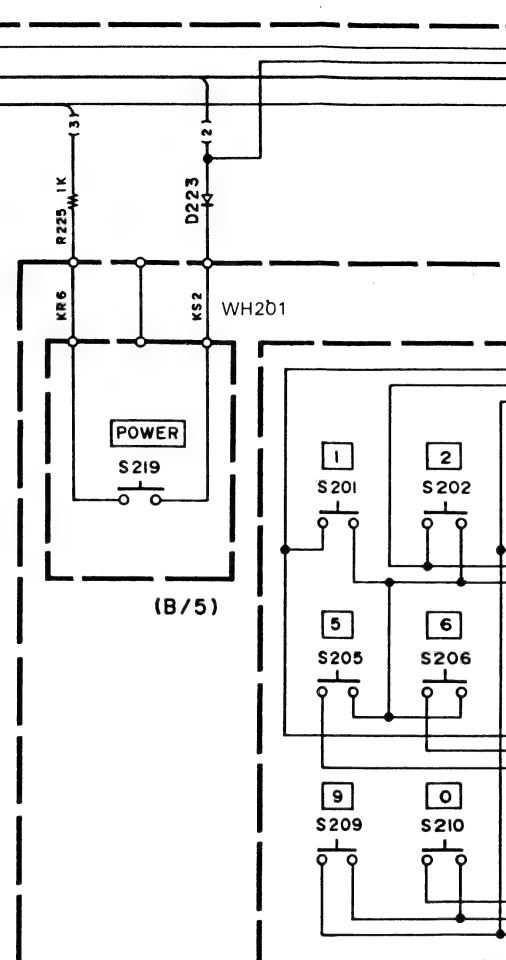
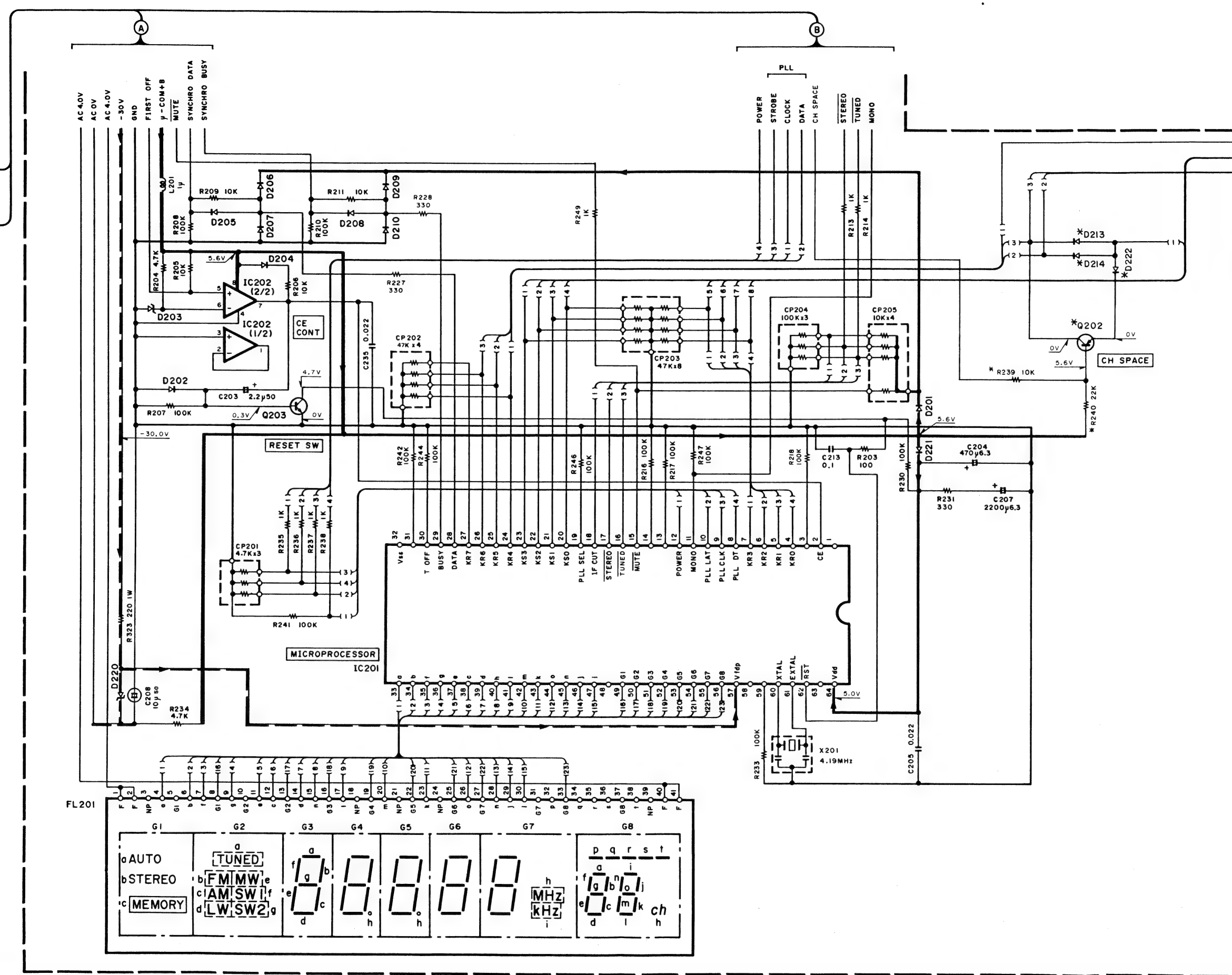


DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

KT-592
KENWOOD

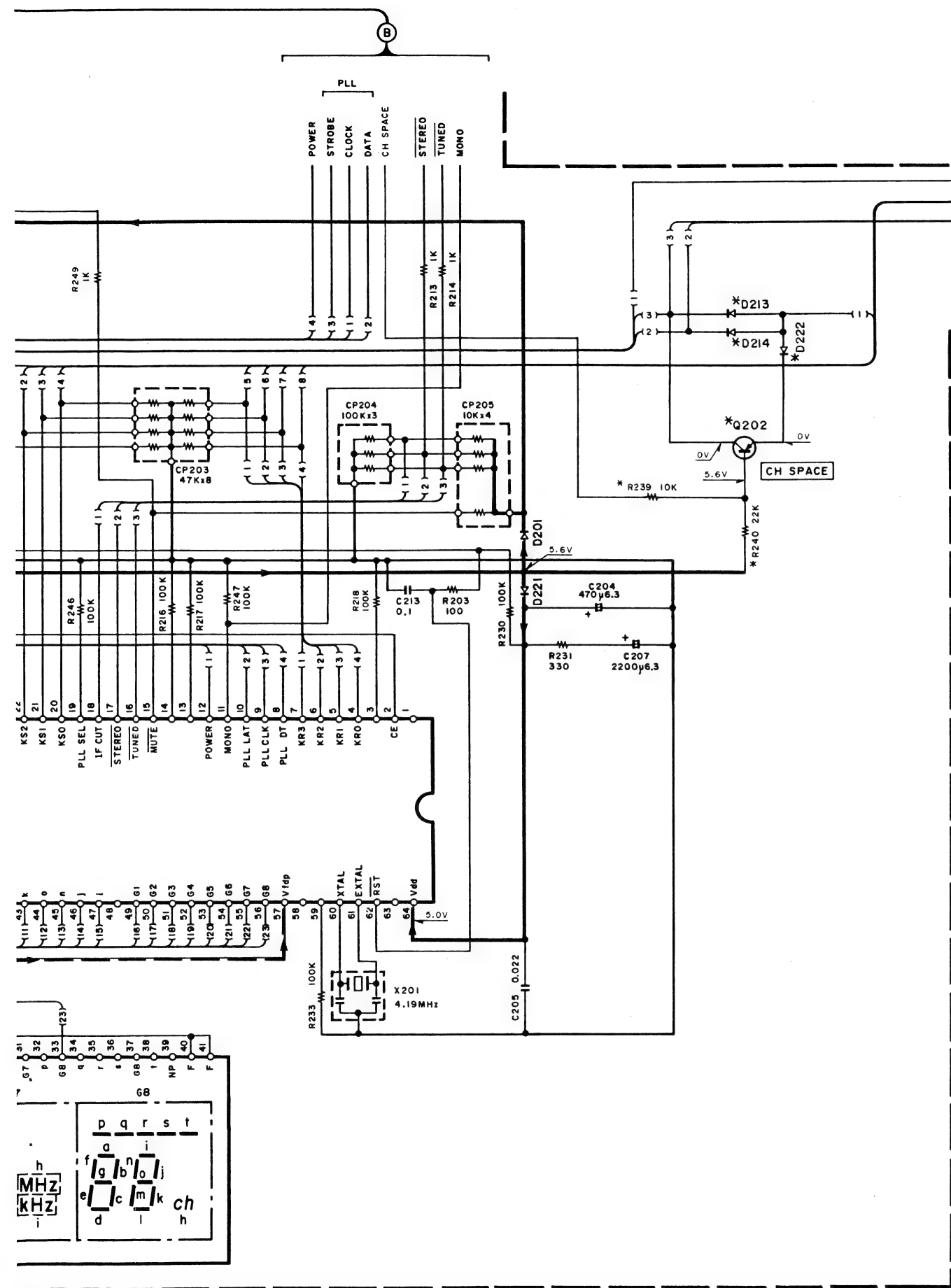
Y07-3500-10



- IC201 : CXP5016-534S
- IC202 : BAI0393
- Q202 : 2SA933S(Q,R) or 2SA1309A(Q,R)
- Q203 : 2SC1740S(Q,R) or 2SC3311A(Q,R)
- FL201 : CF1022C

(X05-40XX-XX) (A/5)

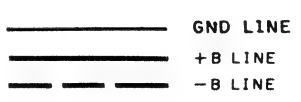
PRODUCT P.	DESTINATION		UNIT N.
	COUNTRY	ABB.	
JAPAN MADE	U.S.A	K	X05-40A
	CANADA	P	X05-40B
	PX	Y	X05-40C
	AUSTRALIA	X	X05-40D
SINGAPORE MADE	U.S.A	K	X05-40E
MALAYSIA MADE			



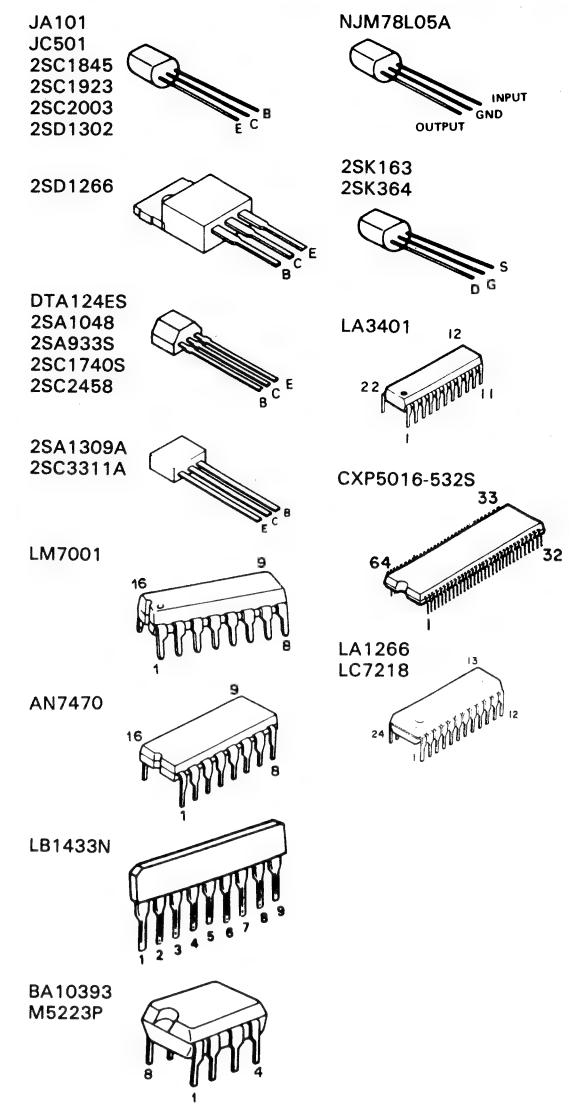
- IC201 : CXP5016-534S
 IC202 : BA10393
 Q202 : 2SA933S(Q, R)
 or 2SA1309A(Q, R)
 Q203 : 2SC1740S(Q, R)
 or 2SC3311A(Q, R)
 FL201 : CF1022C
 D201, 202, 204 ~ 210, 213, 214, 216 ~ 218 : ISS133
 221 ~ 223 : HSS104
 D203 : RD3.9ES(B2)
 or HZS3.9N(B2)
 D220 : RD5.1ES(B2)
 or HZS5.1N(B2)

(X05-40XX-XX) (A/5)

PRODUCT P.	DESTINATION		UNIT NAME	Q202	D213	D214	D222	R239, 240
	COUNTRY	ABB.						
JAPAN MADE	U.S.A	K	X05-4040-10	NO		NO	NO	NO
	CANADA	P			NO			
	PX	Y	X05-4042-91	YES		YES	YES	YES
	AUSTRALIA	X	X05-4040-71		YES			
SINGAPORE MADE	U.S.A	K	X05-4050-10	NO	NO	NO	NO	NO
MALAYSIA MADE								



KT-592(2/2)



DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

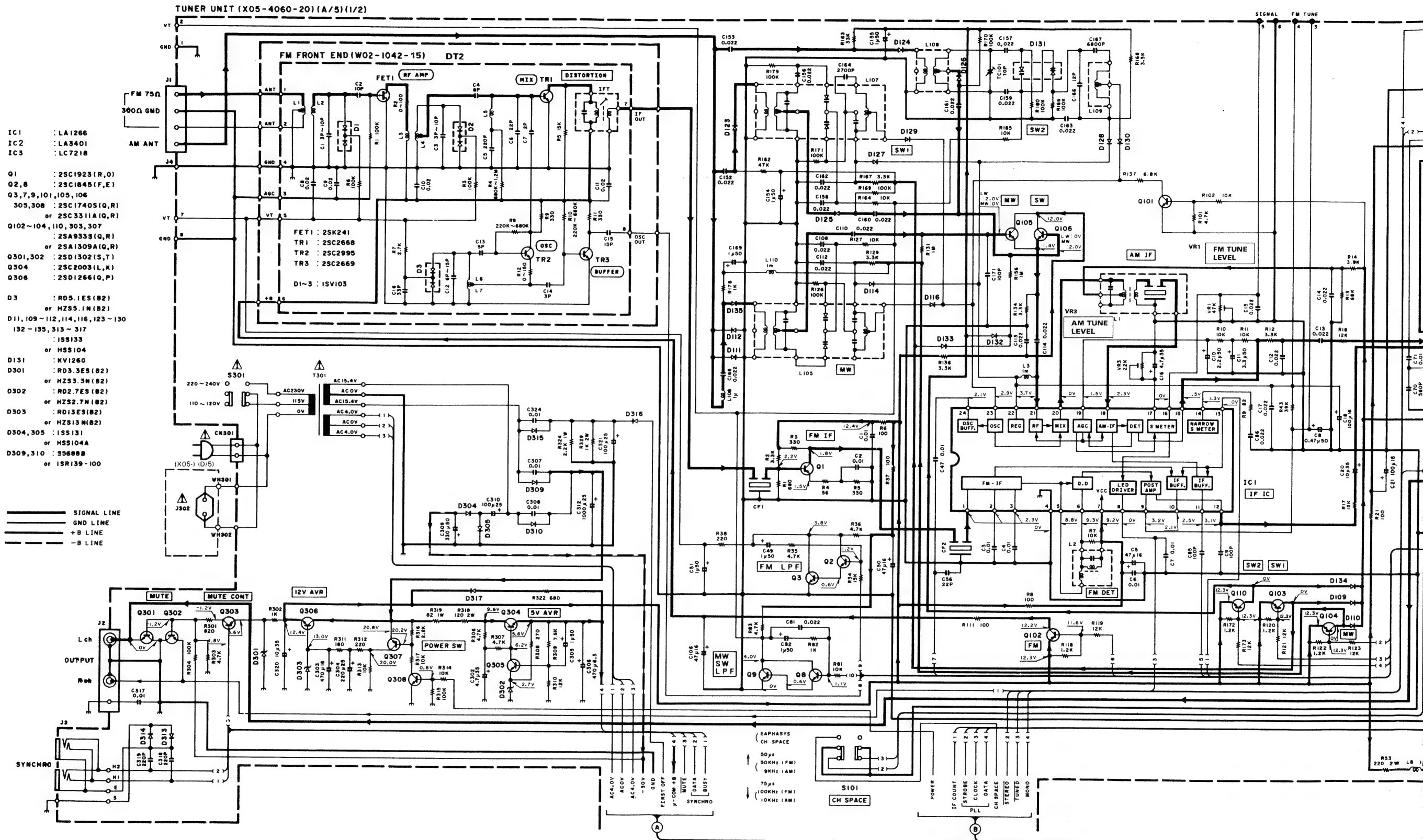
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

Y07-3500-10

KT-592
KENWOOD

- IC1 : LA1266
 IC2 : LA3401
 IC3 : LC7218
- Q1 : 2SC1923(R,O)
 Q2,8 : 2SC1845(F,E)
 Q3,7,9,10,105,106
 Q303,308 : 2SC1740S(Q,R)
 or 2SC3311A(Q,R)
 Q102~104,110,303,307
 Q102~104,110,303,307
 or 2SA933S(Q,R)
 or 2SA1309A(Q,R)
 Q301,302 : 2SD1302(S,T)
 Q304 : 2SC2003(L,K)
 Q306 : 2SD1266(Q,P)
- D3 : RD5.1ES(B2)
 or HZ55.1N(B2)
 D11,109~112,114,116,123~130
 132~135,313~317
 : ISS133
 or HSS104
 D131 : KVI260
 D301 : RD3.3ES(B2)
 or HZ3.3N(B2)
 D302 : RD2.7ES(B2)
 or HZ2.7N(B2)
 D303 : RD1.3ES(B2)
 or HZ1.3N(B2)
 D304,305 : ISS131
 or HSS104A
 D309,310 : S56888
 or ISR139-100

— SIGNAL LINE
 — GND LINE
 — +B LINE
 — -B LINE




EAPHASYS
 CH SPACE
 50µs
 50KHz (FM)
 9KHz (AM)
 75µs
 100KHz (FM)
 10KHz (AM)

POWER
 IF COUNT
 STROBE
 CLOCK
 DATA
 CH SPACE
 STEREO
 TUNED
 MONO

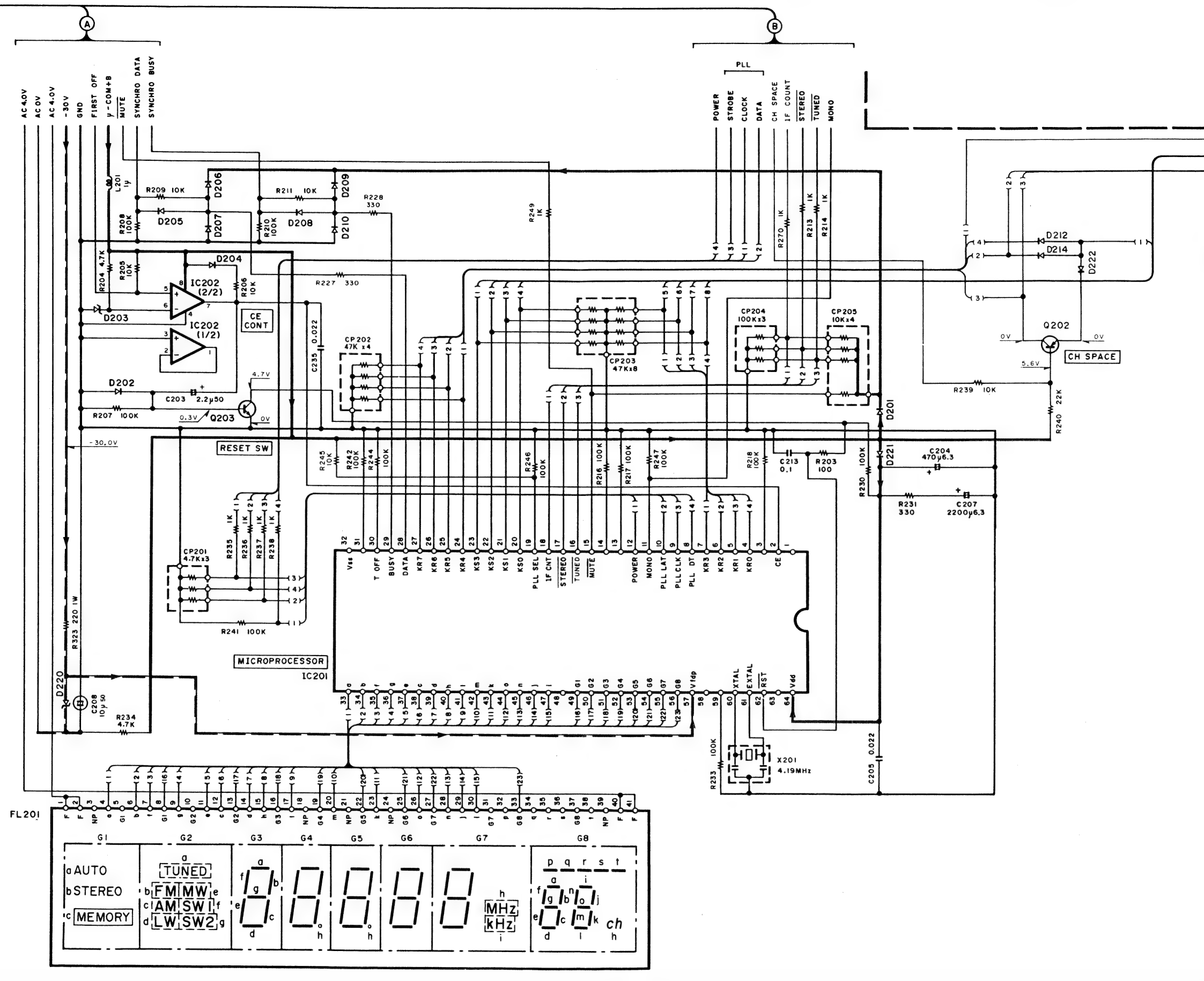


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

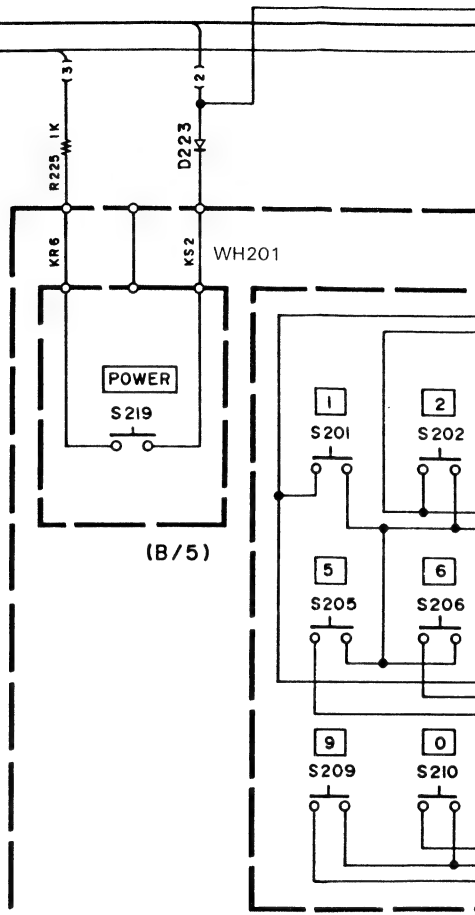
 Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

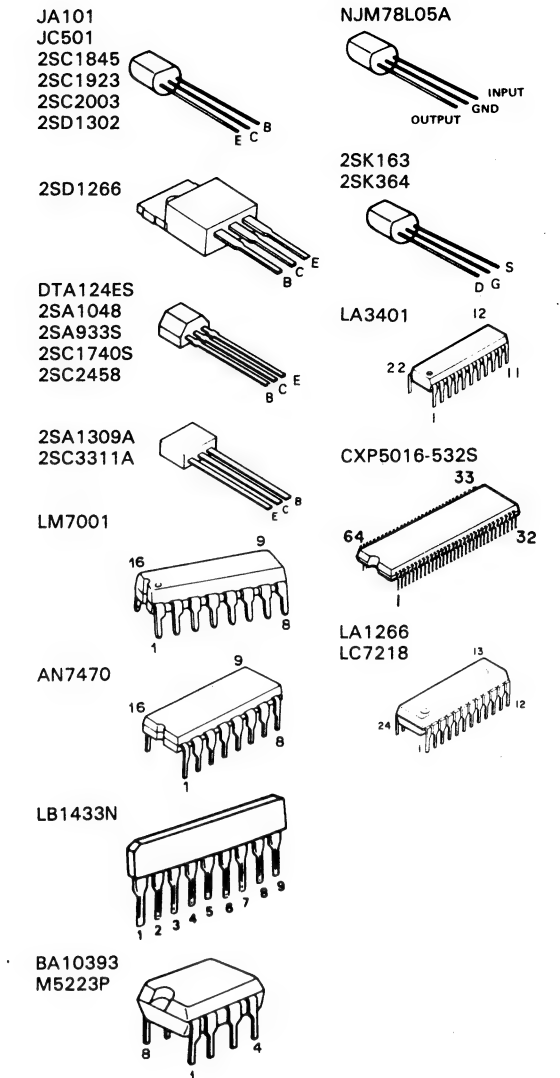
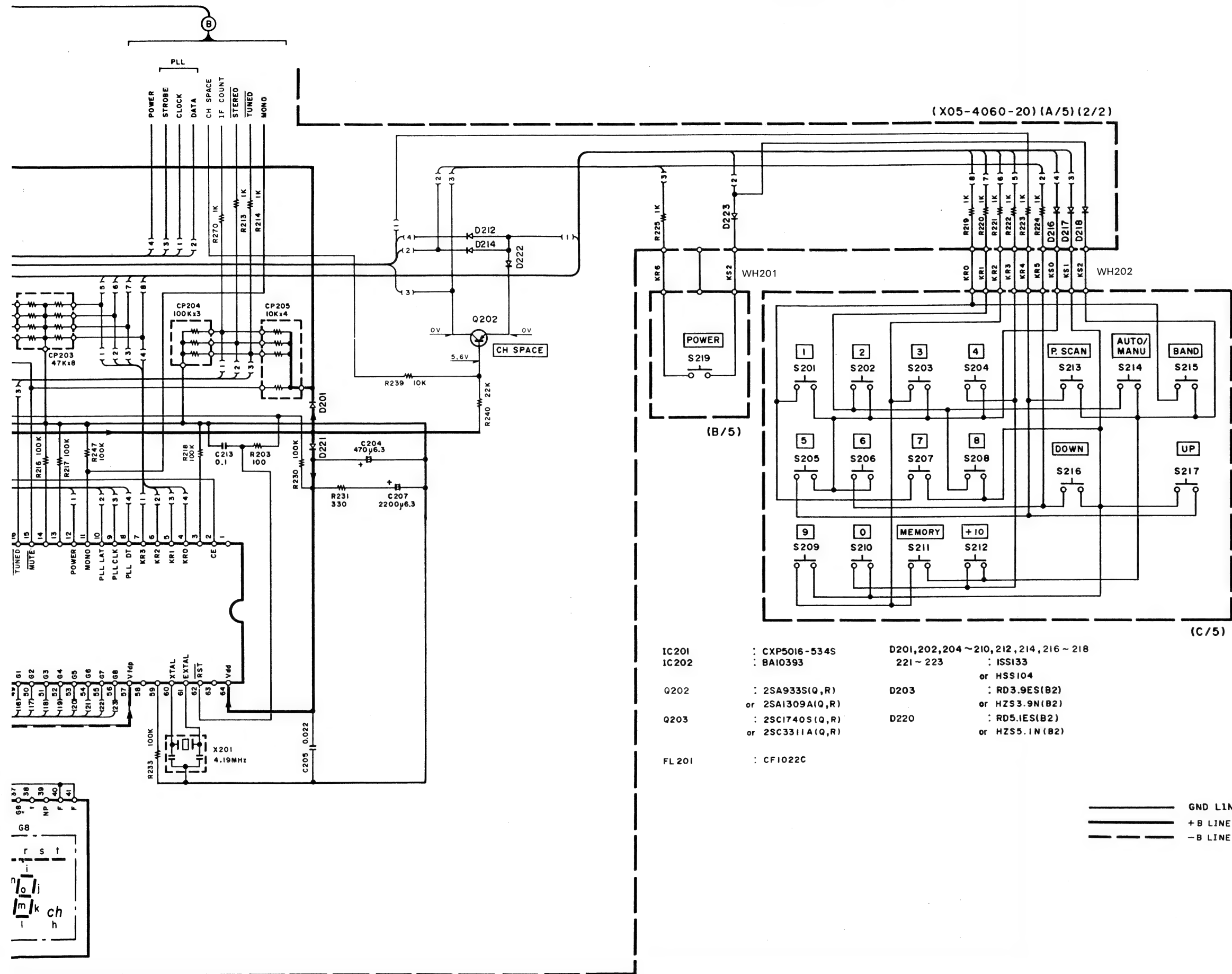
To (X05-)
(A/5)(1/2)

To (X05-)
(A/5)(1/2)



- IC201 : CXP5016-534S
- IC202 : BA10393
- Q202 : 2SA933S(Q,R)
or 2SA1309A(Q,R)
- Q203 : 2SC1740S(Q,R)
or 2SC3311A(Q,R)
- FL 201 : CF1022C

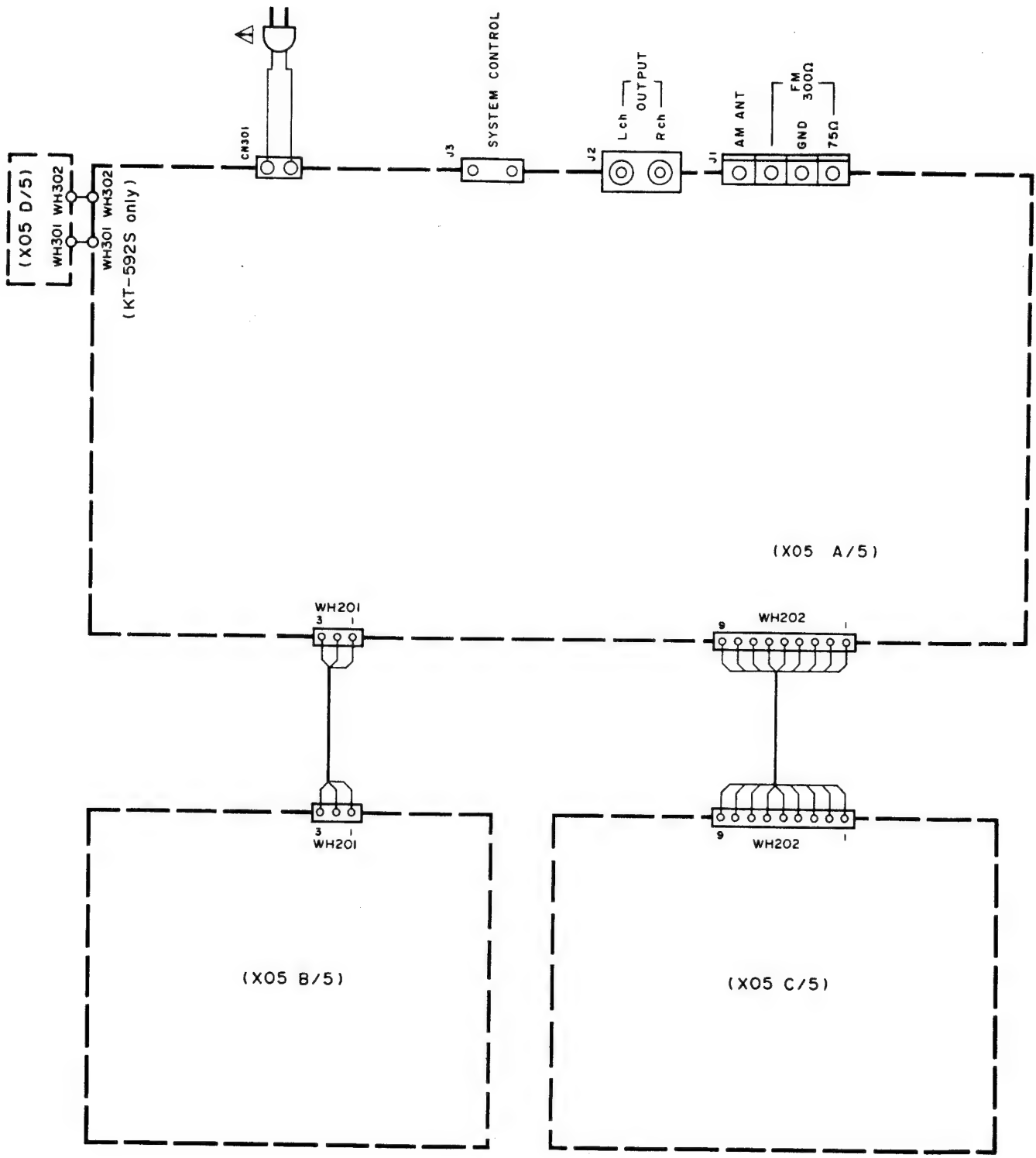




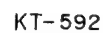
DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

WIRING DIAGRAM



EXPLODED VIEW



PARTS LIST

★ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
KT-592S				
B	2B	N89-3008-45	BINDING HEAD TAPTITE SCREW	
C	2B	N09-2805-05	TAPTITE SCREW	
614	1A	T90-0174-05	LOOP ANTENNA	S
615	1A	T90-0182-15	LEAD WIRE ANTENNA	
KT-592S				
601	1B	A01-1939-01	METALLIC CABINET	
602	2A	A22-1468-01	SUB PANEL	
603	2A	A60-0211-02	PANEL	
604	2A	B03-2689-03	DRESSING PLATE	
-	-	B60-0806-00	INSTRUCTION MANUAL(ENGLISH)	
-	-	B60-0806-00	INSTRUCTION MANUAL(S,A,C)	
605	1A	E03-0115-05	AC PLUG ADAPTER	
607	1A	E30-0615-05	AUDIO CORD	
608	1B	E30-2592-15	AC POWER CORD	
-	-	H10-3780-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0223-04	PROTECTION BAG (750X350X0.03)	
-	-	H25-0223-04	PROTECTION BAG (235X350X0.03)	
-	-	H50-0292-04	ITEM CARTON CASE	
609	3A, 3B	J02-0366-15	FOOT	
610	1A	J19-2815-04	ANTENNA HOLDER	
612	2B	J42-0083-05	POWER CORD BUSHING	
A	2B	N89-3008-46	BINDING HEAD TAPTITE SCREW	
B	2B	N89-3008-45	BINDING HEAD TAPTITE SCREW	
C	2B	N09-2703-05	TAPTITE SCREW	
614	1A	T90-0173-05	LOOP ANTENNA	S
614	1A	T90-0174-05	LOOP ANTENNA	
615	1A	T90-0182-15	LEAD WIRE ANTENNA	
KT-592 TUNER UNIT (X05-4040-10: JAPAN MADE)				
C1 -4		CK45FF1H103Z	CERAMIC	
C5		CE04KW1C470M	ELECTR0	
C6	7	CK45FF1H103Z	CERAMIC	
C8		CE04KW1HR47M	ELECTR0	
C9		CC45FSL1H101J	CERAMIC	
C10		CE04KW1HR2M	ELECTR0	
C11		CE04KW1HR3M	ELECTR0	
C12		CK45FF1H103Z	CERAMIC	
C13		CQ92FM1H153J	MYLAR	
C14	15	CK45FF1H223Z	CERAMIC	
C16		CE04KW1V4R7M	ELECTR0	
C17		CK45FF1H223Z	CERAMIC	
C18		CE04KW1V100M	ELECTR0	
C20		CE04KW1V100M	ELECTR0	
C21		CE04KW1C101M	ELECTR0	
C22		CK45FB1H471K	CERAMIC	
C23		CF92FV1H473J	MF	
C24		CC93FCH1H471J	CERAMIC	
C25	26	CC45FSL1H151J	CERAMIC	
C27	28	CQ92FM1H123J	MYLAR	
C27	28	CQ92FM1H223J	MYLAR	
C29	30	CE04KW1H010M	ELECTR0	
C31		CK45FF1H103Z	CERAMIC	
C32		CE04KW1HR47M	ELECTR0	
KT-592 (SINGAPORE, MALAYSIA MADE)				
601	1B	A01-1940-01	METALLIC CABINET	
602	2A	A22-1489-01	SUB PANEL	
603	2A	A60-0210-02	PANEL	
604	2A	B03-2721-03	DRESSING PLATE	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0096-00	INSTRUCTION MANUAL(ENGLISH)	
-	-	B46-0096-00	INSTRUCTION MANUAL(FRENCH)	
-	-	B46-0121-13	WARRANTY CARD (PRESET220-240)	
-	-	B58-0513-04	CAUTION CARD	
-	-	B60-0806-00	INSTRUCTION MANUAL(ENGLISH)	
-	-	B60-0807-00	INSTRUCTION MANUAL(FRENCH)	
606	2A	E03-0114-05	AC OUTLET	
607	1A	E30-0615-05	AUDIO CORD	
608	1B	E30-2594-15	AC POWER CORD	
608	1B	E30-2603-05	AC POWER CORD	
608	1B	E30-2643-05	AC POWER CORD	
-	-	H10-3780-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0223-04	PROTECTION BAG (750X350X0.03)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H50-0291-04	ITEM CARTON CASE	
609	3A, 3B	J02-0366-15	FOOT	
610	1A	J19-2815-04	ANTENNA HOLDER	
612	2B	J42-0083-05	POWER CORD BUSHING	
A	2B	N89-3008-46	BINDING HEAD TAPTITE SCREW	
B	2B	N89-3008-45	BINDING HEAD TAPTITE SCREW	
C	2B	N09-2703-05	TAPTITE SCREW	
614	1A	T90-0173-05	LOOP ANTENNA	S
614	1A	T90-0174-05	LOOP ANTENNA	
615	1A	T90-0182-15	LEAD WIRE ANTENNA	
KT-592 (SINGAPORE, MALAYSIA MADE)				
601	1B	A01-1940-01	METALLIC CABINET	
602	2A	A22-1489-01	SUB PANEL	
603	2A	A60-0210-02	PANEL	
604	2A	B03-2721-03	DRESSING PLATE	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0096-00	INSTRUCTION MANUAL(ENGLISH)	
607	1A	E30-0615-05	AUDIO CORD	
608	1B	E30-2643-05	AC POWER CORD	
-	-	H10-3819-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H10-5131-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0223-04	PROTECTION BAG (750X350X0.03)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H50-0294-04	ITEM CARTON CASE(SINGAPORE)	
-	-	H50-0295-04	ITEM CARTON CASE(MALAYSIA)	
609	3A, 3B	J02-0366-15	FOOT	
610	1A	J19-2815-04	ANTENNA HOLDER	
612	2B	J42-0083-05	POWER CORD BUSHING	
A	2B	N89-3008-46	BINDING HEAD TAPTITE SCREW	

★ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
KT-592 (JAPAN MADE)				
601	1B	A01-1939-01	METALLIC CABINET	
602	2A	A22-1468-01	SUB PANEL	
603	2A	A60-0210-02	PANEL	
604	2A	B03-2689-03	DRESSING PLATE	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0096-00	INSTRUCTION MANUAL(ENGLISH)	
-	-	B46-0096-00	INSTRUCTION MANUAL(FRENCH)	
-	-	B46-0121-13	WARRANTY CARD (PRESET220-240)	
-	-	B58-0513-04	CAUTION CARD	
-	-	B60-0806-00	INSTRUCTION MANUAL(ENGLISH)	
-	-	B60-0807-00	INSTRUCTION MANUAL(FRENCH)	
606	2A	E03-0114-05	AC OUTLET	
607	1A	E30-0615-05	AUDIO CORD	
608	1B	E30-2594-15	AC POWER CORD	
608	1B	E30-2603-05	AC POWER CORD	
608	1B	E30-2643-05	AC POWER CORD	
-	-	H10-3780-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0223-04	PROTECTION BAG (750X350X0.03)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H50-0291-04	ITEM CARTON CASE	
609	3A, 3B	J02-0366-15	FOOT	
610	1A	J19-2815-04	ANTENNA HOLDER	
612	2B	J42-0083-05	POWER CORD BUSHING	
A	2B	N89-3008-46	BINDING HEAD TAPTITE SCREW	
B	2B	N89-3008-45	BINDING HEAD TAPTITE SCREW	
C	2B	N09-2703-05	TAPTITE SCREW	
614	1A	T90-0173-05	LOOP ANTENNA	S
614	1A	T90-0174-05	LOOP ANTENNA	
615	1A	T90-0182-15	LEAD WIRE ANTENNA	
KT-592 (SINGAPORE, MALAYSIA MADE)				
601	1B	A01-1940-01	METALLIC CABINET	
602	2A	A22-1489-01	SUB PANEL	
603	2A	A60-0210-02	PANEL	
604	2A	B03-2721-03	DRESSING PLATE	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0092-13	WARRANTY CARD	
-	-	B46-0096-00	INSTRUCTION MANUAL(ENGLISH)	
607	1A	E30-0615-05	AUDIO CORD	
608	1B	E30-2643-05	AC POWER CORD	
-	-	H10-3819-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H10-5131-02	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0223-04	PROTECTION BAG (750X350X0.03)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H50-0294-04	ITEM CARTON CASE(SINGAPORE)	
-	-	H50-0295-04	ITEM CARTON CASE(MALAYSIA)	
609	3A, 3B	J02-0366-15	FOOT	
610	1A	J19-2815-04	ANTENNA HOLDER	
612	2B	J42-0083-05	POWER CORD BUSHING	
A	2B	N89-3008-46	BINDING HEAD TAPTITE SCREW	

L:Scandinavia
Y:PX(Far East, Hawaii)
Y:AFES(Europe)

K:USA
T:England
X:Australia

P:Canada
E:Europe
M:Other Areas

S: SINGAPORE
MADE

△ indicates safety critical components.

KT-592/592S

PARTS LIST

* New Parts
 Parts without Parts No. are not supplied.
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.
 Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向	Re- marks 備考
CP201		R90-0832-05	MULTI-COMP	4.7KX3	J 1/6W
CP202		R90-0487-05	MULTI-COMP	47KX4	J 1/6W
CP203		R90-0804-05	MULTI-COMP	47KX8	J 1/4W
CP204		R90-0850-05	MULTI-COMP	100KX3	J 1/6W
CP205		R90-0809-05	MULTI-COMP	10KX4	J 1/6W
R53		RS140B3D221J	FL-PROOF RS	220	J 2W
R318		RS140B3D121J	FL-PROOF RS	120	J 2W
R319		RS140B3A820J	FL-PROOF RS	82	J 1W
R321		R92-0173-05	RC	2.2M	M 1/2W
R323		RS140B3A221J	FL-PROOF RS	220	J 1W
R324		RS140B3A222J	FL-PROOF RS	2.2K	J 1W
R329		RS140B3D102J	FL-PROOF RS	1.6K	J 2W
VR1		R12-3666-05	TRIMMING POT.(4.7K)(FM T-LEVEL)		
VR2		R12-1619-05	TRIMMING POT.(4.7K)(VC0)		
VR3		R12-3666-05	TRIMMING POT.(22K)(AM T-LEVEL)		
S101	2B	S31-2094-05	SLIDE SWITCH(DE-EM. CH.SPACE)		Y
S201-217	2B	S40-1064-05	PUSH SWITCH(1-0.10, BAND etc.)		
S219	2A	S40-1064-05	PUSH SWITCH(POWER)		
S301	2B	S31-2131-05	SLIDE SWITCH (POWER TYPE)		Y
Δ					
D2		HSS104	DIODE		
D3		LS5133	DIODE		
D4		HZ55.1N(B2)	ZENER DIODE		
D4 .5		RS5104	DIODE		
D4 .5		LS5133	DIODE		
D111.112		HSS104	DIODE		
D111.112		LS5133	DIODE		
D201.202		HSS104	DIODE		
D201.202		LS5133	DIODE		
D203		HZ53.9N(B2)	ZENER DIODE		
D203		R03.9ES(B2)	ZENER DIODE		
D204-210		HSS104	DIODE		
D204-210		LS5133	DIODE		
D213		HSS104	DIODE		X
D213		LS5133	DIODE		X
D214		HSS104	DIODE		YX
D214		LS5133	DIODE		YX
D216-218		HSS104	DIODE		
D216-218		LS5133	DIODE		
D220		HZ55.1N(B2)	ZENER DIODE		
D220		R03.1ES(B2)	ZENER DIODE		
D221		HSS104	DIODE		
D221		LS5133	DIODE		Y
D222		HSS104	DIODE		
D222		LS5133	DIODE		Y
D223		HSS104	DIODE		
D223		LS5133	DIODE		
D301		HZ53.3N(B2)	ZENER DIODE		
D301		R03.3ES(B2)	ZENER DIODE		
D302		HZ52.7N(B2)	ZENER DIODE		
D302		R02.7ES(B2)	ZENER DIODE		
D303		HZ51.3N(B2)	ZENER DIODE		
D303		R01.3ES(B2)	ZENER DIODE		
D304.305		HSS104A	DIODE		

L:Scandinavia
 Y:PX(Far East, Hawaii)
 Y:AFES(Europe)
 K:USA
 T:England
 X:Australia
 P:Canada
 E:Europe
 M:Other Areas
 Δ indicates safety critical components

* New Parts
 Parts without Parts No. are not supplied.
 Les articles non mentionnés dans le Parts No. ne sont pas fournis.
 Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向	Re- marks 備考
C33		CE04KW1H3R3M	ELECTR0	3.3UF	50WV
C34		CE04KW1H2R2M	ELECTR0	2.2UF	50WV
C41.42		CK45FCH1H220J	CERAMIC	22PF	J
C43-45		CK45FB1H471K	CERAMIC	470PF	K
C46.47		CK45FF1H103Z	CERAMIC	0.010UF	Z
C48		C992FMIH223J	MYLAR	0.022UF	J
C49		CE04KW1H010M	ELECTR0	1.0UF	50WV
C50		CE04KW1C470M	ELECTR0	47UF	16WV
C51		CE04KW1H010M	ELECTR0	1.0UF	50WV
C52		CE04KW1A470M	ELECTR0	47UF	10WV
C56		CC45FSL1H220J	CERAMIC	22PF	J
C106		CE04KW1C470M	ELECTR0	47UF	16WV
C107		CK45FF1H223Z	CERAMIC	0.022UF	Z
C135.136		C992FMIH223Z	MYLAR	560PF	J
C203		CE04KW1H2R2M	ELECTR0	2.2UF	50WV
C204		CE04KW0J471M	ELECTR0	470UF	6.3WV
C205		CK45FF1H223Z	CERAMIC	0.022UF	Z
C207		CE04KW0J222M	ELECTR0	2200UF	6.3WV
C208		C90-1332-05	NP-ELEC	100UF	50WV
C213		CF92FV1H104J	MF	0.10UF	J
C235		CK45FF1H223Z	CERAMIC	0.022UF	Z
C302		CE04KW1V477M	ELECTR0	4.7UF	35WV
C303		CE04KW1C471M	ELECTR0	470UF	16WV
C304		CE04KW1E221M	ELECTR0	220UF	25WV
C305		CE04KW1H010M	ELECTR0	1.0UF	50WV
C306		CE04KW0J471M	ELECTR0	470UF	6.3WV
C307, 308		CK45FF1H103Z	CERAMIC	0.010UF	Z
C309		CE04KW1H331M	ELECTR0	330UF	50WV
C310		CE04KW1E101M	ELECTR0	100UF	25WV
C312		CE04KW1E102M	ELECTR0	1000UF	25WV
C317		CK45FF1H103Z	CERAMIC	0.010UF	Z
C318, 319		C91-0749-05	CERAMIC	220PF	K
C320		CE04KW1V100M	ELECTR0	100UF	35WV
C321		CE04KW1E101M	ELECTR0	100UF	25WV
C324		CK45FF1H103Z	CERAMIC	0.010UF	Z
J1	2B	F20-0476-05	LOCK TERMINAL BOARD(ANTENNA)		
J2	2B	E13-0235-05	PHONE JACK(2P)(OUTPUT)		
J2	2B	E63-0013-05	PHONE JACK(2P)(OUTPUT)		
J3	2B	E11-0168-05	MINIATURE PHONE JACK(S.CONTROL)		
J301	2A	E03-0119-05	AC OUTLET		KPY
CF1.2		L72-0531-05	CERAMIC FILTER		
CF4		L72-0098-05	CERAMIC FILTER		
L1		L30-0468-05	AM IFT(DISCRIMINATOR)		KP
L2		L30-0439-25	FM IFT(DISCRIMINATOR)		YX
L2		L30-0494-05	POWER TRANSFORMER		
L8		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L104		L39-0189-05	COMBINATION COIL		
L106		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L201		L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
Δ T301	2B	L07-0247-05	POWER TRANSFORMER		KP
Δ T301	2B	L07-0248-05	POWER TRANSFORMER		Y
Δ X1	2B	L07-0249-05	POWER TRANSFORMER		X
X201		L77-1122-05	CRYSTAL RESONATOR(7.2MHz)		
X201		L78-0209-05	RESONATOR (4.194MHz)		
X201		L78-0218-05	RESONATOR (4.194MHz)		

L:Scandinavia
 Y:PX(Far East, Hawaii)
 Y:AFES(Europe)
 K:USA
 T:England
 X:Australia
 P:Canada
 E:Europe
 M:Other Areas
 J: JAPAN MADE
 S: SINGAPORE MADE
 Δ indicates safety critical components

PARTS LIST

6

× New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
C42			CC45FCH1H270J	CERAMIC	
C43	-45		CK45FB1H471K	CERAMIC	J
C44			CK45FF1H103Z	CERAMIC	K
C45			C91-0769-05	CERAMIC	Z
C47			CE04KW1H010M	ELECTR0	50HV
C49					
C50			CE04KW1C470M	ELECTR0	16WV
C51			CE04KW1H010M	ELECTR0	50HV
C52			CE04KW1H470M	ELECTR0	10WV
C56			CC45FSL1H220J	CERAMIC	J
C62	-64		CE04KW1H010M	ELECTR0	50HV
C65			CE04KW1HR22M	ELECTR0	50HV
C66			CE04KW1V100M	ELECTR0	35WV
C67	.68		CC45FSL1H101J	CERAMIC	50HV
C69			CE04KW1V100M	ELECTR0	100F
C70			CK45FB1H561K	CERAMIC	560PF K
C71			CQ92FM1H103J	MYLAR	0.010UF J
C81			CQ92FM1H223J	MYLAR	0.022UF J
C82			CE04KW1H010M	ELECTR0	1.0UF 50WV
C83			CK45FB1H471K	CERAMIC	470PF K
C85			CC45FSL1H101J	CERAMIC	100PF Z
C86			CK45FF1H223Z	CERAMIC	0.022UF Z
C106			CE04KW1C470M	ELECTR0	47UF 16WV
C108			CK45FF1H223Z	CERAMIC	0.022UF Z
C110			C91-0085-05	CERAMIC	0.022UF N
C112, 113			CK45FF1H223Z	CERAMIC	0.022UF Z
C114			C91-0085-05	CERAMIC	0.022UF N
C135, 136			CQ92FM1H682J	MYLAR	6800PF J
C152, 153			CK45FF1H223Z	CERAMIC	0.022UF Z
C154, 155			CE04KW1H010M	ELECTR0	1.0UF 50WV
C156-159			CK45FF1H223Z	CERAMIC	0.022UF Z
C160, 161			C91-0085-05	CERAMIC	0.022UF N
C162, 163			CK45FF1H223Z	CERAMIC	0.022UF Z
C164			CC93ECH1H22J	CERAMIC	2200PF J
C166			CC45FCH1H120J	CERAMIC	12PF J
C167			C91-1431-05	CERAMIC	6800PF J
C168			CK45FF1H223Z	CERAMIC	0.022UF Z
C169			CE04KW1H010M	ELECTR0	1.0UF 50WV
C171			C91-0745-05	CERAMIC	100PF K
C203			CE04KW1H2R2M	ELECTR0	2.2UF 50WV
C204			CE04KW0J471M	ELECTR0	470UF 6.3WV
C205			CK45FF1H223Z	CERAMIC	0.022UF Z
C207			CE04KW0J222M	ELECTR0	2200UF 6.3WV
C208			C90-1332-05	NP-ELEC MF	10UF 50WV
C213			CF92FV1H104J	MYLAR	0.010UF J
C235			CK45FF1H223Z	CERAMIC	0.022UF Z
C302			CE04KW1V4R7M	ELECTR0	4.7UF 35WV
C303			CE04DW1C471M	ELECTR0	470UF 16WV
C304			CE04KW1E221M	ELECTR0	220UF 25WV
C305			CE04KW1H010M	ELECTR0	1.0UF 50WV
C306			CE04KW0J471M	ELECTR0	470UF 6.3WV
C307, 308			CK45FF1H103Z	CERAMIC	0.010UF Z
C309			CE04KW1H331M	ELECTR0	330UF 50WV
C310			CE04KW1E101M	ELECTR0	100UF 25WV
C312			CE04KW1E102M	ELECTR0	1000UF 25WV
C317			CK45FF1H103Z	CERAMIC	0.010UF Z

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFE(S/Europe) X:Australia M:Other Areas

△ indicates safety critical components.

5

× New Parts

Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 備考
D304, 305			1S5131	DIODE	
D309, 310			5S6888	DIODE	
D309, 310			1S8139-100	DIODE	
D313-317			H5S104	DIODE	
D313-317			1S5133	DIODE	
FL201	2A		CF1022C	FLUORESCENT INDICATOR TUBE	
IC1			LA1266	IC(LM, FM, IF)	
IC2			AN7400	IC(EM, MPV)	
IC3			LH7001	IC(FULL FREQUENCY SYNTHESIZER)	
IC201		*	CAP5016-534S	IC(4BIT MICROPROCESSOR)	
IC202			BA10393	IC(DUAL COMPALATOR)	
Q1			25C1923(R,0)	TRANSISTOR	
Q2			25C1845(F,E)	TRANSISTOR	
Q3			25C1740S(Q,R)	TRANSISTOR	
Q3			25C3311A(Q,R)	TRANSISTOR	
Q102			25A1309A(Q,R)	TRANSISTOR	
Q102			25A933S(Q,R)	TRANSISTOR	
Q104			25A1309A(Q,R)	TRANSISTOR	
Q104			25A933S(Q,R)	TRANSISTOR	
Q202			25A1309A(Q,R)	TRANSISTOR	
Q202			25A933S(Q,R)	TRANSISTOR	
Q203			25C1740S(Q,R)	TRANSISTOR	
Q203			25C3311A(Q,R)	TRANSISTOR	
Q301, 302			25D1302(S,T)	TRANSISTOR	
Q303			25A1309A(Q,R)	TRANSISTOR	
Q303			25A933S(Q,R)	TRANSISTOR	
Q304			25C2003(L,K)	TRANSISTOR	
Q305			25C1740S(Q,R)	TRANSISTOR	
Q305			25C3311A(Q,R)	TRANSISTOR	
Q306			25D1266(Q,P)	TRANSISTOR	
Q307			25A1309A(Q,R)	TRANSISTOR	
Q307			25A933S(Q,R)	TRANSISTOR	
Q308			25C1740S(Q,R)	TRANSISTOR	
Q308			25C3311A(Q,R)	TRANSISTOR	
DT2	2B		W02-1042-15	FM FRONT-END ASSY	
KT-592S TUNER UNIT (X05-4060-20)					
C1	-4		CK45FF1H103Z	CERAMIC	0.010UF Z
C5			CE04KW1C470M	ELECTR0	47UF 16WV
C6	, 7		CK45FF1H103Z	CERAMIC	0.010UF Z
C8			CE04KW1HR47M	ELECTR0	0.47UF 50WV
C9			CC45FSL1H101J	CERAMIC	100PF J
C10			CE04KW1H2R2M	ELECTR0	2.2UF 50WV
C11			CE04KW1H3R3M	ELECTR0	3.3UF 50WV
C12			CK45FF1H223Z	CERAMIC	0.022UF Z
C13			CQ92FM1H223J	MYLAR	0.022UF J
C14	, 15		CK45FF1H223Z	CERAMIC	0.022UF Z
C16			CE04KW1V4R7M	ELECTR0	4.7UF 35WV
C17			CK45FF1H223Z	CERAMIC	0.022UF Z
C18			CE04KW1C101M	ELECTR0	1000UF 16WV
C20			CE04KW1V100M	ELECTR0	100UF 35WV
C21			CE04KW1C101M	ELECTR0	1000UF 16WV
C27, 28			CQ92FM1H133J	MYLAR	0.0130UF J
C29, 30			CE04KW1H2R2M	ELECTR0	2.2UF 50WV
C41			CC45FCH1H220J	CERAMIC	22PF J

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFE(S/Europe) X:Australia M:Other Areas

△ indicates safety critical components.

KT-592/592S

PARTS LIST

✱ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
C318-319		HSS104	DIODE	
C320		ISS133	DIODE	
C321		KV1260	VARIABLE CAPACITANCE DIODE	
C324		HSS104	DIODE	
TC101		HSS133	DIODE	
J1	2B	HSS104	DIODE	
J2	2B	ISS133	DIODE	
J3	2B	HZS3-9N(B2)	ZENER DIODE	
J302	2A	RD3-9ES(B2)	ZENER DIODE	
CF1-2		HSS104	DIODE	
L1		ISS133	DIODE	
L2		HSS104	DIODE	
L3		ISS133	DIODE	
L8		HSS104	DIODE	
L105		ISS133	DIODE	
L106		HSS104	DIODE	
L107		ISS133	DIODE	
L108		HSS104	DIODE	
L109		ISS133	DIODE	
L110		HSS104	DIODE	
L201		ISS133	DIODE	
T301	2B	HZS3-1N(B2)	ZENER DIODE	
X1		RD3-1ES(B2)	ZENER DIODE	
X2		HSS104	DIODE	
X201		ISS133	DIODE	
X201		HZS3-3N(B2)	ZENER DIODE	
CP201		RD3-3ES(B2)	ZENER DIODE	
CP202		HZS2-7N(B2)	ZENER DIODE	
CP203		RD2-7ES(B2)	ZENER DIODE	
CP204		ISS133	DIODE	
CP205		RD13ES(B2)	ZENER DIODE	
R3		HSS104A	DIODE	
R318		ISS131	DIODE	
R319		55668B	DIODE	
R323		ISS139-100	DIODE	
R324		HSS104	DIODE	
R329		ISS133	DIODE	
VR1		ISS133	DIODE	
VR3		FL1022C	FLUORESCENT INDICATOR TUBE	
VR5		LA1266	IC(AM/FM IF)	
S101	2B	LA3401	IC(FM MPX)	
S201-217	2B	LC7218	IC(PLL SYNTHESIZER)	
S219	2A	CXP5016-5345	IC(4BIT MICROPROCESSOR)	
S301	2B	BA10393	IC(DUAL COMPALATOR)	
D3		25C1923(R, Ø)	TRANSISTOR	
D3		25C1845(F, E)	TRANSISTOR	
D3		25C1740S(Q, R)	TRANSISTOR	
D11		25C3311A(Q, R)	TRANSISTOR	
D11		25C1740S(Q, R)	TRANSISTOR	
D109-112		25C3311A(Q, R)	TRANSISTOR	
D109-112		25C1845(F, E)	TRANSISTOR	
D114		25C1740S(Q, R)	TRANSISTOR	
D114		25C3311A(Q, R)	TRANSISTOR	
D116		25C1740S(Q, R)	TRANSISTOR	
D116		25C3311A(Q, R)	TRANSISTOR	

✱ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
C318-319		CC45FSLH221J	CERAMIC 220PF J	
C320		CE04KW1V100M	ELECTRO 100UF 35WV	
C321		CE04KW1E101M	ELECTRO 100UF 25WV	
C324		CK45FF1H103Z	CERAMIC 0.010UF Z	
TC101		COS-0216-05	CERAMIC TRIMMER CAPACITOR(10PF)	
J1	2B	E20-0476-05	LOCK TERMINAL BOARD(ANTENNA)	
J2	2B	E13-0235-05	PHONE JACK(2P)(OUTPUT)	
J3	2B	E11-0188-05	MINIATURE PHONE JACK(S.CONTRØL)	
J302	2A	E03-0108-05	AC ØUTLET	
CF1-2		L72-0531-05	CERAMIC FILTER	
L1		L30-0467-05	AM IFT	
L2		L30-0494-05	PM IFT(DISCRIMINATOR)	
L3		L40-1021-14	SMALL FIXED INDUCTØR(1.0mH, K)	
L8		L40-1091-17	SMALL FIXED INDUCTØR(1UH)	
L105		L39-0192-05	COMBINATION CØIL	
L106		L40-1091-17	SMALL FIXED INDUCTØR(1UH)	
L107		L39-0199-05	COMBINATION CØIL	
L108		L31-0608-05	SW-RF CØIL	
L109		L32-0528-05	SW OSCILLATING CØIL	
L110		L40-1021-14	SMALL FIXED INDUCTØR(1.0mH, K)	
L201		L40-1091-17	SMALL FIXED INDUCTØR(1UH)	
T301	2B	L77-0248-05	POWER TRANSFORMER	
X1		L77-1122-05	CRYSTAL RESONATOR(7.2MHz)	
X2		L78-0208-05	RESONATOR (456kHz)	
X201		L78-0209-05	RESONATOR (4.194MHz)	
X201		L78-0218-05	RESONATOR (4.194MHz)	
CP201		R90-0832-05	MULTI-CØMP 4.7KX3 J 1/6W	
CP202		R90-0487-05	MULTI-CØMP 47KX4 J 1/6W	
CP203		R90-0804-05	MULTI-CØMP 47KX8 J 1/4W	
CP204		R90-0850-05	MULTI-CØMP 100KX3 J 1/6W	
CP205		R90-0809-05	MULTI-CØMP 10KX4 J 1/6W	
R3		RS140B30221J	FL-PRØØF RS 220 J 2W	
R318		RS140B30121J	FL-PRØØF RS 120 J 2W	
R319		RS140B3A820J	FL-PRØØF RS 82 J 1W	
R323		RS140B3A221J	FL-PRØØF RS 220 J 1W	
R324		RS140B3A222J	FL-PRØØF RS 2.2K J 1W	
R329		RS140B30102J	FL-PRØØF RS 1.0K J 2W	
VR1		R12-3688-05	TRIMMING PØT(47K)(FM T-LEVEL)	
VR3		R12-3686-05	TRIMMING PØT(22K)(AM T-LEVEL)	
VR5		R12-6665-05	TRIMMING PØT(330K)(SEPARATION)	
S101	2B	S31-2094-05	SLIDE SWITCH(DE-EM. CH. SPACE)	
S201-217	2B	S40-1064-05	PUSH SWITCH(1-Ø, +10. BAND etc.)	
S219	2A	S40-1064-05	PUSH SWITCH(POWER)	
S301	2B	S31-2131-05	SLIDE SWITCH (POWER TYPE)	
D3		HZS5-1N(B2)	ZENER DIODE	
D3		RD5-1ES(B2)	ZENER DIODE	
D11		HSS104	DIODE	
D11		ISS133	DIODE	
D109-112		HSS104	DIODE	
D109-112		ISS133	DIODE	
D114		HSS104	DIODE	
D114		ISS133	DIODE	
D116		HSS104	DIODE	
D116		ISS133	DIODE	

△ indicates safety critical components.

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFE(S:Europe) X:Australia M:Other Areas

△ indicates safety critical components.

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFE(S:Europe) X:Australia M:Other Areas

PARTS LIST

9. * New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
Q110			2SA933S(Q,R)	TRANSISTOR		
Q202			2SA1309A(Q,R)	TRANSISTOR		
Q202			2SA933S(Q,R)	TRANSISTOR		
Q203			2SC1740S(Q,R)	TRANSISTOR		
Q203			2SC3311A(Q,R)	TRANSISTOR		
Q301, 302			2SD1302(S,T)	TRANSISTOR		
Q303			2SA1309A(Q,R)	TRANSISTOR		
Q303			2SA933S(Q,R)	TRANSISTOR		
Q304			2SC2003(L,K)	TRANSISTOR		
Q305			2SC1740S(Q,R)	TRANSISTOR		
Q305			2SC3311A(Q,R)	TRANSISTOR		
Q306			2SD1266(Q,P)	TRANSISTOR		
Q307			2SA1309A(Q,R)	TRANSISTOR		
Q307			2SA933S(Q,R)	TRANSISTOR		
Q308			2SC1740S(Q,R)	TRANSISTOR		
Q308			2SC3311A(Q,R)	TRANSISTOR		
072	28		W02-1042-15	FM FRONT-END ASSY		

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AEFES(Europe) X:Australia M:Other Areas
A indicates safety critical components.

KT-592/592S

SPECIFICATIONS

KT-592/592S

FM tuner section

Tuning frequency range	87.5 MHz-108 MHz
Usable sensitivity (MONO)	0.95 μ V/10.8 dBf
Total harmonic distortion (at 1 kHz 65 dBf input)	
MONO	0.4%
STEREO	0.5%
Signal to Noise ratio (at 1 kHz, 65 dBf input)	
MONO	78 dB
STEREO	73 dB
Stereo separation	
1 kHz	40 dB
Alternate channel selectivity (\pm 400 kHz)	50 dB
Frequency response	
(30 Hz-15 kHz)	+ 0.5 dB, -2 dB
Output level/Impedance	
(at 1 kHz, 75 kHz dev.)	0.6 V/3.3 k Ω

<KT-592>

AM tuner section

Tuning frequency range	
9 kHz step	531 kHz-1,602 kHz
10 kHz step	530 kHz-1,610 kHz
10 kHz step (U.S. and Canada)	530 kHz-1,700 kHz
Usable sensitivity	11 μ V/(280 μ V/m)
Signal to noise ratio	
(at 30% mod, 1 mV input)	50 dB
Total harmonic distortion	0.5%
Output level/Impedance	
(at 30% mod, 1 mV input)	0.18 V/3.3 k Ω

<KT-592S> AM tuner section

Tuning frequency range

9 kHz step	531 kHz-1,602 kHz
10 kHz step	530 kHz-1,610 kHz
Usable sensitivity	17 μ V/(560 μ V/m)
SW Tuning frequency range	
SW1	3.2 MHz-7.3 MHz
SW2	9.5 MHz-21.85 MHz

General

Power consumption 10 W

AC outlet

For U.S.A. and Canada	
UNSWITCHED	1 (800W 6.6A max.)
For U.S military	
UNSWITCHED	1 (700W max.)
For other countries	
UNSWITCHED	1 (500W max.)

Dimensions	W: 440 mm (17-5/16")
	H: 75 mm (2-15/16")
	D: 264 mm (10-1/2")

Weight (Net) 2.6 kg (5.5 lb)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

KENWOOD strebt ständige, Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

KENWOOD CORPORATION

Shionogi Shibuya Building, 17-5, 2-chome Shibuya, Shibuya-ku, Tokyo 150, Japan

KENWOOD U.S.A. CORPORATION

2201 East Dominguez Street, Long Beach, CA 90810;
550 Clark Drive, Mount Olive, NJ 07828, U.S.A.

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

TRIO-KENWOOD U.K. LTD.

KENWOOD House, Dwight Road, Watford, Herts., Wd1 8eb United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.

Mechelsesteenweg 418 B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 6056 Heusenstamm, Germany

TRIO-KENWOOD FRANCE S.A.

13 Boulevard Ney, 75018 Paris, France

KENWOOD LINEAR S.p.A.

20125, MILANO-VIA ARBE, 50, ITALY

KENWOOD ELECTRONICS AUSTRALIA PTY, LTD.

P.O. BOX 504, 8 Figtree Drive, Australia Centre, Homebush N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Wang Kee Building, 4th Floor, 34-37, Connaught Road, Central, Hong Kong